



CARPINTERIA, CA 93013
CONYERS, GA 30207

DPM 2301 80225

MATERIAL SAFETY DATA SHEET

Essentially Similar to OSHA-20 Form U.S. Dept. of Labor

BUSINESS PHONE (805) 969-1214
(404) 483-7610

JANUARY 1, 1986

SECTION I. IDENTIFICATION OF PRODUCT

Product Name **PARTALL FILM #10**

Chemical Family

Chemical Name and Synonyms

Formula

SHIPPING INFORMATION:

ALCOHOL NOI; FLAMMABLE LIQUID
UN# 1987

NON PHOTOCHEMICALLY REACTIVE
LESS THAN 4%

SECTION II. HAZARDOUS INGREDIENTS

| <u>Ingredient</u> | <u>%</u> | <u>TLV</u> | <u>Units</u> |
|--|----------|------------|--------------|
| METHANOL | *** | 200 | |
| ETHYL ACETATE | *** | 400 | |
| ETHANOL | 45% | 1000 | |
| METHYL ISOBUTYL KETONE | *** | 100 | |
| HYDROCARBON APPROVED BY THE GOVERNMENT FOR USE AS A DENTATURANT | *** | NE* | |
| N-BUTANOL | 5% | 100 | |
| NON-HAZARDOUS INGREDIENTS | 50% | | |

* NOT ESTABLISHED

*** USED AS A DENATURANT IN ETHYL ALCOHOL; TRACE AMOUNTS, LESS THAN 0.25% EACH

SECTION III. PHYSICAL DATA

Boiling Point, °F **158-220**

Vapor Pressure **26.67 mm/HG**

Vapor Density (Air = 1) **1.2**

Solubility in Water **COMPLETE**

Appearance and Odor **WATERY GREEN LIQUID
ALCOHOLIC**

Specific Gravity (H₂O = 1) **0.914**

Percent Volatile (by volume) **15% IN ONE WEEK**

Evaporation Rate (ETHER=1) **0.039**

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point, °F **70**

(method used) **C.O.C.**

Flammable Limits in Air, % LEL

UEL

Extinguishing Media **ALCOHOL TYPE FOAM
CO₂ OR DRY CHEMICAL**

Special Fire Fighting Procedures

**THE USE OF SELF-CONTAINED BREATHING APPARATUS IS RECOMMENDED FOR
FIRE FIGHTERS.**

Unusual Fire and Explosion Hazards

LOW FLASH POINT

IN CASE OF EMERGENCY CALL CHEMTREC: 800-424-9300
DAY OR NIGHT

BOE-C6-0204036

SECTION V. HEALTH HAZARD DATA

| | | |
|------------------------------------|---|----------------------|
| Threshold Limit Value | UNKNOWN | Other Health Hazards |
| Effects of Overexposure | OVEREXPOSURE TO FUMES - LIGHT HEADED, NAUSEOUS : EXPOSE VICTIM TO FRESH AIR | |
| Emergency and First Aid Procedures | | |
| CONTACT WITH EYES | FLUSH IMMEDIATELY WITH COLD WATER AT LEAST 15 MINUTES, AND SEEK MEDICAL ATTENTION | |
| CONTACT WITH SKIN | WASH WITH SOAP AND WATER | |
| INGESTION OF FLUID | INDUCE VOMITING IMMEDIATELY; CALL PHYSICIAN AS SOON AS POSSIBLE | |

SECTION VI. REACTIVITY DATA

| | | |
|--------------------------------------|---|---|
| Unstable | Stable | Conditions to Avoid |
| Incompatibility (Materials to avoid) | THIS PRODUCT IS INCOMPATIBLE WITH STRONG OXIDIZING AGENTS, STRONG ACIDS OR BASES, AND STRONG ALKALIES | |
| Hazardous Polymerization | May occur () | Will not occur () Conditions to avoid |

SECTION VII. SPILL OR LEAK PROCEDURES

Steps to be taken if material is released or spilled: ISOLATE FROM THE SPILL. FLUSH SPILLED MATERIAL INTO SUITABLE RETAINING AREAS OF CONTAINERS WITH LARGE QUANTITIES OF WATER. SMALL AMOUNTS OF SPILLED MATERIAL MAY BE ABSORBED INTO AN APPROPRIATE ABSORBANT. KEEP SOURCES OF IGNITION AND HOT METAL SURFACES

Waste disposal method: PREVENT SPILLED LIQUID FROM ENTERING SEWERS, STORM DRAINS, OTHER UN-AUTHORIZED SEWAGE TREATMENT DRAINAGE SYSTEMS AND NATURAL WATERWAYS. DISPOSE OF PRODUCT IN ACCORDANCE WITH APPLICABLE LOCAL, COUNTY, STATE AND FEDERAL REGULATIONS.

SECTION VIII. SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify type): THE USE OF RESPIRATORY PROTECTION DEPENDS ON VAPOR CONCENTRATION ABOVE THE TIME-WEIGHTED TLV; USE A NIOSH APPROVED CARTRIDGE RESPIRATOR OR GAS MASK.

Ventilation: Local Exhaust (☒) Mechanical (General) () Special () Other
EXPLOSION PROOF VENTILATION

Protective Gloves: IMPERMEABLE GLOVES FOR SENSITIVE INDIVIDUALS Eye Protection: SAFETY GLASSES/GOGGLES AND/OR FACE SHIELDS

Other Protective Equipment: EYE WASHES AND SAFETY SHOWERS IN WORK AREAS IS RECOMMENDED.

SECTION IX. SPECIAL PRECAUTIONS

Precautions to be taken in handling or storing:
STORE AWAY FROM OPEN FLAMES, HEAT AND SPARKS.
KEEP WORK AREAS FREE OF HOT METAL SURFACES AND OTHER SOURCES OF IGNITION.

Other precautions:
WATER MAY BE UNSUITABLE AS AN EXTINGUISHING MEDIA, BUT HELPFUL IN KEEPING ADJACENT AREAS COOL. AVOID SPREADING BURNING LIQUID WITH WATER USED FOR COOLING PURPOSES.